Is this tooth abscessed?

Is this tooth pulpless?

An accurate determination of both problems in every case is now possible

LEADING authorities in the profession have proved the limitations and inaccuracies of thermal tests, percussion tests, palpation tests, electric vitality tests of the past and radiography in determining change from the normal vitality of pulps of teeth and pathologic conditions of the soft alveolar tissues.

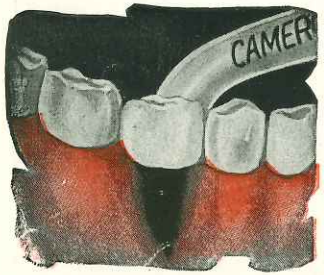
RECENT development of simplified technique which enables any dentist to make an accurate determination of nerve and pulp vitality, and the conditions of the tissues about the roots of teeth in every case is now available and sets a new mark in the advance of dental diagnostic and operative procedure.

600-249
948

The Dental Diagnostoset solves both problems

Instantaneous location of every congested area in the alveolar process

Tharaldsen of Northwestern University has proved by extended clinical research that the shadows cast in transillumination of infected areas are due to an excess of deoxidizing hemoglobin (the relatively opaque iron compound), because of a congestion of red blood corpuscles in these areas of stasis; and are never due to root canal fillings or chemicals used in treating teeth.

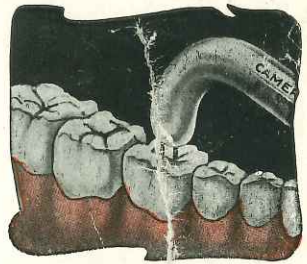


In other words, the shadows present with transillumination by Cameron's Right Angle Dentalamp are always due to change in the blood content, regardless of whether the infection be in the incipient or advanced stages; and the presence of these discolorations in the alveolar process indicates congestion (pathologic change) in every case.

Transillumination is dependable for locating congested areas about the roots of teeth, but accurate determination of the condition within the pulp cavity is equally as important. The Vitalitest is the missing link in dental diagnosis, and provides this definite knowledge of pulp conditions.

Immediate determination of the degree of tooth vitality in 100% of your cases

Best and Waldron in their paper on Oral Diagnosis and Treatment state, "Vitality tests of the pulps of teeth are essential in order that a well-balanced diagnosis may be formulated." "The vitality of each tooth is determined by testing individual teeth." "This test is of great importance and in no case should be omitted." Raper in his book, "Electro-Radiographic Diagnosis," points out that in practice there are thousands of cases where the use of the electric test for pulp vitality is indicated, and where the accuracy of the diagnosis depends upon it.



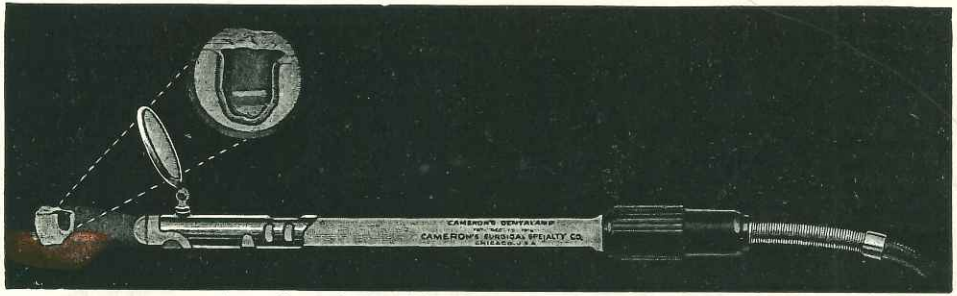
The value of the electric test for pulp vitality has never been disputed, but the unsatisfactory equipment provided for this purpose in the past has greatly hindered the general acceptance of this vital aid to dental diagnosis. Now, however, with the perfection of Cameron's Vitalitester, the entirely new and original principles followed in its construction have eliminated the dangers and inefficiencies of the old methods.

Cameron's Antralamp

Cameron's Straight Dentalamp

Cameron's Right Angle Dentalamp

CAMERON'S Straight Dentalamp is properly designed for definite diagnosis of the frontal sinuses through the supra-orbital ridge and the maxillary sinuses through the hard palate, and for use with the Detachable Mouth Mirror and Lenslite. The Antralamp is used for transillumination of the maxillary sinuses by the more definite infra-orbital method, and for delicate surgery.



Assembly and use of Cameron's Lenslite for inlay work.

CAMERON'S Right Angle Dentalamp as shown in the diagrammatic illustration is correctly curved for transillumination of the alveolar process, and for careful examination of both anterior and posterior teeth. The curvature makes it possible to project the light at right angles through the area being examined which cannot be done with the ordinary type of lamp.

THE Dental Diagnostoset provides 100% accuracy when used as instructed for those purposes for which it is recommended; locates instantaneously and precisely all areas of congestion where no fistula or other drainage is present, i. e., such pathology as blind abscesses, pus pockets, pyorrheal conditions, interstitial gingivitis, serumal deposits, salivary calculi, antral and frontal sinus involvements, etc.; and gives immediately an accurate determination of the degree of pulp vitality of any tooth. It also furnishes more than 100 candle clear white illumination directly into the field of operative procedure; simplifies your prophylactic technique; is indispensible for locating carious areas, extraction of impactions, and general operative instrumentation; and enables you to show and satisfy your patients. All lamps, mirrors and other parts that come in contact with the tissues are scientifically constructed and guaranteed to withstand sterilization by boiling or steam pressure.

Illustrating Right Angle Surgilite used as an Illuminated Retractor

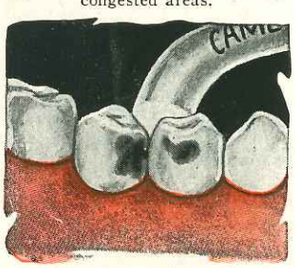
A TEXT BOOK, "DIAGNOSIS BY TRANSILLUMINATION," accompanies every outfit with full details of the technique and method of using Transillumination on the searchlight principle and the Vitalitest, so that any dentist after brief study and tests can accurately determine the presence and location of all congested areas in the alveolar process and various air sinuses, make an accurate determination of the condition of the pulp tissue, and use the equipment as a definite aid in his root canal, cavity, surgical, restoration and prophylactic procedure.

The effect of pathological conditions in the alveolar process and air sinuses on pulps of contiguous teeth, vice versa; and the effect of pulpless teeth on proximating vital teeth are all matters of prime importance in correct diagnosis and proper treatment—a fact every progressive dentist will appreciate. This is convincing evidence of the practical value of the co-ordinated features of Cameron's Dental Diagnostoset.

Cameron's Dental Diagnostoset

"Accurate diagnosis for as long as you practice Dentistry"

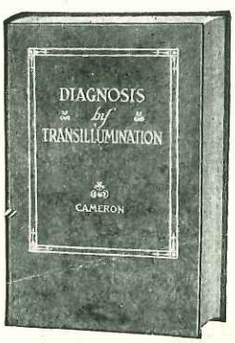
Showing how the shadows appear at pus pockets, and other congested areas.



Showing method of locating intercoronal caries by transillumination.

CAMERON'S Dental Diagnostoset converts your wish into a reality and equips you with a combination of diagnostic and operating equipment guaranteed for a lifetime at a minimum upkeep cost. Every objectionable feature of electrical diagnostic equipment of the past has been overcome, and a written guarantee accompanies your outfit.

Furnished complete with the "guaranteed-to-last-a-lifetime" Vitrohm Potential Adjuster for standard screw socket (100 to 130 volt current—alternating or direct, unless otherwise specified); 8 to 20 ft. 42-ply non-kinkable boilable cord (as specified) and necessary connections; two Straight Dentalamps; two Detachable Mouth Mirrors; two Right Angle Dentalamps; one Antralamp; one Right Angle Surgilite; one Lenslite; and the Vitalitester complete with Coronal and Gingival Electrodes—all conveniently contained in genuine seal-grain leather case with purple silk-plush lining as illustrated, and with the book, "Diagnosis by Transillumination," giving full details on how to use the oufit to get results.



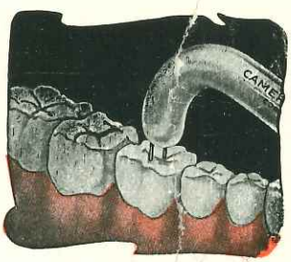
Only $150.00 *Complete*

Supplied without extra charge for other voltages, or European Bayonet Socket, when specified. Every outfit works with equal satisfaction from alternating or direct current.

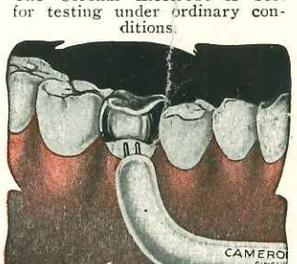
Cameron's Surgical Specialty Co.

Dept. D-119

666 W. Division Street **Chicago, U. S. A.**



The Coronal Electrode is best for testing under ordinary conditions.



Showing use of Gingival Electrode at cervix on tooth with gold crown.